

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Rinne, et al.

Title:

Variable Bandwidth in a

Communication System

Appl. No.:

Unassigned

Filing Date:

Unassigned

Examiner:

Unknown

Art Unit:

Unknown

CERTIFICATE OF EXPRESS MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: the date indicated below and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450. EV 291987555 US February 4, 2004 (Express Mail Label Number) (Date of Deposit) Kathryn Howard (Printed Name)

UTILITY PATENT APPLICATION TRANSMITTAL 6

Mail Stop PATENT APPLICATION Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

> Mikko Rinne Juhanintie 6 A Espoo FIN-02180 Finland

Antti Lappetelainen Lukupuronrinne 1 M Espoo FIN-02200 Finland

Pauli Seppinen Huvilinnanmaki 8 A 11 Espoo FIN-02600 Finland



Jussi Ojala Wallininkatu 7 C 90 Helsinki FIN-00530 Finland

Aarno Parssinen Kluuvintie 2 K 2 Espoo FIN-02180 Finland

Risto Kaunisto Kimmeltie 26 B 18 Espoo FIN-02110 Finland

	[]	Applicant claims small entity status under 37 CFR 1.27.
Enclos	ed a	are:	
	[X	[]	Specification, Claim(s), and Abstract (18 pages).
	[X	(]	Formal drawings (3 sheets, Figures 1, 2, 3, 4, 5, 6, 7).
	[X	K].	Declaration and Power of Attorney (5 pages).
	[X	[]	Assignment of the invention to Nokia Corporation.
	[X	()	Assignment Recordation Cover Sheet.
	[X	()	Check in the amount of \$40.00 for Assignment recordation.
	[]		Small Entity statement.
	[]	Request for application not to be published with certification under 35 USC 122(b)(2)(B)(i).
	[X	[]	Information Disclosure Statement.

- [X] Form PTO/SB/08 with copies of 1 listed reference.
- [X] Application Data Sheet (37 CFR 1.76).
- [] Claim for Convention Priority.

The filing fee is calculated below:

	Claims as Filed		Included in		Extra Claims		Rate		Fee Totals
			Basic Fee						
Basic Fee							\$770.00	=	\$770.00
Total	24	-	20	=	4	x	\$18.00	=	\$72.00
Claims:									
Independents	3	-	3	=	0	x	\$86.00	=	\$0.00
	ъ.	. 61					420000		
If any Multiple Dependent Claim(s) present: + \$290.00							=	\$0.00	
							SUBTOTAL:	=	\$842.00
[]		Sm	all Entity I	ees	Apply (subtr	act ½ of above):	=	\$0.00
_					T	OTA	L FILING FEE:	=	\$842.00

- [X] A check in the amount of \$842.00 to cover the filing fee is enclosed.
- [] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [X] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1450. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1450.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

 $\mathbf{B}\mathbf{y}$

Respectfully submitted,

Date 4 FEBRUARY 2004

FOLEY & LARDNER

Customer Number: 27433

Telephone: (312) 832-4553

Facsimile: (312) 832-4700

G. Peter Albert, Jr

Attorney for Applicant

Registration No. 37,268